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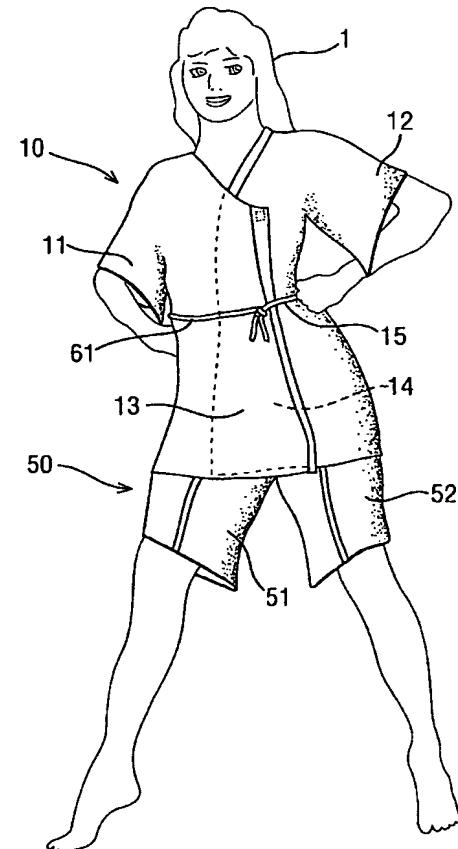
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(54) Title: MEDICAL CLOTHING



(57) Abstract: The disclosure relates to the field of medical equipment and relates particularly to clothing for hospital patients who may undergo physical examination or surgical procedures. The present invention seeks to provide medical clothing which allows easy access to the patient's body for the purpose of examination, treatment or surgery but which also provides coverage akin to normal clothing so that the patient does not feel inhibited or exposed. According to one aspect of the present invention there is provided medical clothing for a patient, comprising a gown formed with two arm apertures and an open front portion, which is arranged to close around the patient's torso by overlapping of respective sides thereof, and means of fastening the respective sides in an overlapped position. Preferably, each arm aperture is provided with releasable fastening means for reducing or enlarging the extent of the arm aperture. Beneficially, the arm aperture fastening means may be located in an under-arm portion of the arm aperture. According to another aspect of the invention there is provided medical clothing for the lower body of a patient, which clothing is configured as a pair of trousers having a waist portion and two leg portions, which trousers are provided with a releasably fastenable access cut which extends from the waist portion to an end cuff of one leg portion, thereby permitting access to the covered portion of the patient's groin and corresponding leg by unfastening of the cut.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 300 349 A (W.I. ROUX) 6 November 1996 (1996-11-06)	1-4,6,7, 9-11, 14-16
A	the whole document ---	5,12,13, 17-21
X	US 5 228 141 A (REMEDCO INC.) 20 July 1993 (1993-07-20) the whole document ---	1,4,7,8
X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 09, 30 September 1997 (1997-09-30) -& JP 09 119006 A (HIRONAKA KUNISADA;HIRONAKA TOYOKO), 6 May 1997 (1997-05-06) abstract; figures ---	1-4,7 -/-

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 04, 31 March 1998 (1998-03-31) & JP 09 324307 A (GUNZE LTD), 16 December 1997 (1997-12-16) abstract; figures ---	1-7
A		9-13, 15, 16
X	PATENT ABSTRACTS OF JAPAN vol. 016, no. 320 (C-0962), 14 July 1992 (1992-07-14) & JP 04 091202 A (TADAYUKI NODA), 24 March 1992 (1992-03-24) abstract; figure 3 -----	9-12, 14, 16

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/00445

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
GB 2300349	A	06-11-1996	ZA	9504831 A		30-01-1996
US 5228141	A	20-07-1993	CA	2094107 A1		24-10-1993
JP 09119006	A	06-05-1997	NONE			
JP 09324307	A	16-12-1997	NONE			
JP 04091202	A	24-03-1992	NONE			